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Textile Organon

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MONTHLY REVIEW

Highlights

6-Month Net Import Balance of Man-Made Fiber Manufactures Totals 113.8 Million Pounds ... see page 197.

1981 Selected Exports of Man-Made Fiber to Eastern Europe & PRC ... featured page 204.

1981 Exports of Man-Made Fiber to Certain Nonproducing Countries ... featured page 205.

First Quarter Broad Weaving Industry Data ... begins page 198.

Shipments of nylon yarn to the carpet trades fell in September, though shipments of nylon industrial yarn rose to the highest level since June and shipments of nylon textile yarn rose to the highest level yet recorded this year.

Shipments of polyester industrial yarn fell in September, yet shipments of polyester textile yarn rose to the highest level since May.

Olefin yarn+monofilament shipments fell to the lowest level since July of 1979, while shipments of olefin+vinyon staple+tow rose in September.

Both polyester and acrylic+modacrylic staple+tow shipments were off in September, but shipments of nylon staple+tow increased to the highest level in over a year.

ITEM	1982 SEPT	1982 AUG	% [a]	1981 SEPT	% [b]	YEAR TO DATE 1982	YEAR TO DATE 1981	% [c]
	TOTAL SHIPMENTS MILLION POUNDS & *Percent*							
MAN-MADE FIBER DATA								
YARN+MONOFILAMENTS								
ACETATE	**18.5**	**17.3**	*+6.9*	**20.8**	*-11.1*	**155.0**	**208.0**	*-25.5*
NYLON – INDUSTRIAL	24.4	21.9	*+16.9*	35.0	*-30.3*	242.5	309.9	*-21.7*
– LOW DENIER INDUSTRIAL	2.6	2.5	*+4.0*	3.5	*-25.7*	21.9	27.1	*-19.2*
– CARPET	58.4	60.2	*-3.2*	48.1	*+21.4*	436.4	554.0	*-21.2*
– TEXTILE	30.1	29.3	*+2.7*	35.8	*-15.9*	246.7	321.7	*-23.3*
POLYESTER – INDUSTRIAL	22.1	23.8	*-7.1*	25.7	*-14.0*	219.1	232.2	*-5.6*
– LOW DENIER INDUSTRIAL	1.6	2.1	*-23.8*	2.3	*-30.4*	16.7	21.5	*-22.3*
– TEXTILE	78.5	73.6	*+6.7*	103.9	*-24.4*	710.8	954.0	*-25.5*
OLEFIN	47.0	50.2	*-6.4*	51.9	*-9.4*	446.5	493.1	*-9.4*
TOTAL NONCELLULOSIC ABOVE	**264.7**	**263.6**	*+0.4*	**306.2**	*-13.5*	**2340.6**	**2913.5**	*-19.7*
STAPLE+TOW+FIBERFILL								
RAYON	**33.3**	**28.9**	*+15.2*	**38.7**	*-12.1*	**265.0**	**348.8**	*-24.0*
NYLON	69.2	68.3	*+1.3*	44.9	*+54.1*	509.9	596.0	*-14.4*
ACRYLIC+MODACRYLIC	50.2	58.5	*-14.2*	54.3	*-7.5*	480.2	538.6	*-10.8*
POLYESTER	162.4	163.0	*-0.4*	223.4	*-27.3*	1452.0	1965.4	*-26.1*
OLEFIN+VINYON	13.0	12.5	*+4.0*	10.6	*+22.6*	107.5	100.7	*+6.7*
TOTAL NONCELLULOSIC ABOVE	**294.8**	**302.3**	*-2.5*	**333.2**	*-11.5*	**2549.6**	**3200.7**	*-20.3*

a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
Also see footnotes on last page of this issue.

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Textile Organon

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NATURAL FIBER SPECIAL REPORT

The December issue of the ***Textile Organon*** will feature a special report on the production and consumption of cotton and wool and their relationship to man-made fibers in the United States and worldwide.

This report will utilize much of the natural fiber data traditionally published in the October and December issues of the ***Organon***. In addition, these natural fiber data will be integrated with man-made fiber data to form a new, comprehensive approach to analyzing the relationship of cotton and wool to man-made fibers.

MONSANTO TO DROP POLYESTER STAPLE OPERATION

Monsanto Co. has decided to end its polyester staple business. The company announced that the Decatur, AL, plant will stop making polyester staple by the end of October 1982. The plant will, however, continue to produce acrylic and modacrylic staple and tow.

In addition to its acrylic and modacrylic operations at Decatur, the company also has plants in Pensacola, FL, and Greenwood, SC, where nylon yarn and staple are produced.

EXPORTS TO EASTERN EUROPE & PRC

The table on page 204 is divided into two sections. The upper section details the 1979-1981 selected exports of man-made fibers by 16 producing countries to Eastern Europe and the People's Republic of China. The lower section shows the destination of these exports by country.

For 1981, exports amounted to 1,845.0 million pounds, an increase of 25% over the 1,480.5 million pounds recorded in 1980. It should be noted that the United States was the largest exporter to these countries, followed by Japan, West Germany and Italy. Up until 1980, Japan had traditionally been the largest exporter of man-made fiber to Eastern Europe and the PRC.

The principal recipient in 1981 of these man-made fibers was the People's Republic of China, which imported 1,313.0 million pounds, or 71%, of the total man-made fiber exported by the 16 producing countries. In addition, it is interesting to note that since 1979 the PRC's share of total fiber exported has risen steadily, from 44% in 1979, to 59% in 1980 and 71% in 1981. Following the PRC in order of volume for 1981 were the USSR, Yugoslavia and Hungary.

U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER & MANUFACTURES, COTTON MANUFACTURES & WOOL MANUFACTURES

THOUSAND POUNDS

PRODUCTS	YEAR 1979			YEAR 1980			YEAR 1981			6 MONTHS 1982		
	IMPORTS	EXPORTS	BALANCE[a]	IMPORTS	EXPORTS	BALANCE[a]	IMPORTS	EXPORTS	BALANCE[a]	IMPORTS	EXPORTS	BALANCE[a]
CELLULOSIC												
YARN•MONOFILAMENTS	13,271	30,790	17,519 E	8,302	26,930	18,628 E	10,719	24,707	13,988 E	4,080	11,930	7,850 E
STAPLE•TOW	16,529	106,507	89,978 E	10,306	71,072	60,766 E	16,763	62,160	45,397 E	6,572	29,623	23,051 E
WASTE	803	9,551	8,748 E	339	6,090	5,751 E	519	2,799	2,280 E	261	2,269	2,008 E
SUBTOTAL ABOVE	**30,603**	**146,848**	**116,245 E**	**18,947**	**104,092**	**85,145 E**	**28,001**	**89,666**	**61,665 E**	**10,913**	**43,822**	**32,909 E**
NONCELLULOSIC FIBERS												
YARN•MONOFILAMENTS	20,004	290,822	270,818 E	19,614	355,323	335,709 E	18,934	463,424	444,490 E	9,147	224,147	215,000 E
STAPLE•TOW	39,319	658,335	619,016 E	35,568	732,473	696,905 E	60,517	790,682	730,165 E	20,259	234,229	213,970 E
WASTE	21,126	137,743	116,617 E	21,546	116,420	94,874 E	49,828	107,265	57,437 E	20,691	52,360	31,669 E
SUBTOTAL ABOVE	**80,449**	**1,086,900**	**1,006,451 E**	**76,728**	**1,204,216**	**1,127,488 E**	**129,279**	**1,361,371**	**1,232,092 E**	**50,097**	**510,736**	**460,639 E**
TOTAL FIBER ABOVE[b]	**111,052**	**1,233,748**	**1,122,696 E**	**95,675**	**1,308,308**	**1,212,633 E**	**157,280**	**1,451,037**	**1,293,757 E**	**61,010**	**554,558**	**493,548 E**
MAN-MADE FIBER MANUFACTURES[c]												
SLIVER, TOPS & ROVING	6,653	13,252	6,599 E	2,792	13,103	10,311 E	3,736	11,046	7,310 E	1,313	3,735	2,422 E
SPUN YARNS	25,648	34,181	8,533 E	22,850	32,845	9,995 E	23,479	45,693	22,214 E	14,781	15,742	961 E
THREAD & CRAFT YARNS	2,615	8,368	5,753 E	2,306	7,404	5,098 E	2,854	5,522	2,668 E	1,234	2,996	1,762 E
TIRE CORD & FABRIC	97	87,008	86,911 E	47	115,514	115,467 E	277	48,155	47,878 E	125	16,312	16,187 E
WOVEN FABRIC	64,577	228,634	164,057 E	67,283	249,769	182,486 E	95,382	208,478	113,096 E	45,811	67,388	21,577 E
KNIT FABRICS	8,011	16,413	8,402 E	5,985	23,232	17,247 E	2,149	21,673	19,524 E	1,166	7,117	5,951 E
NARROW FABRICS	8,947	12,531	3,584 E	8,137	25,471	17,334 E	8,703	26,210	17,507 E	5,590	13,817	8,227 E
APPAREL - KNIT	184,497	} 60,472	299,136 I	187,745	} 127,098	251,423 I	184,704	} 120,649	316,217 I	79,871	} 42,830	178,757 I
NOT KNIT	175,111			190,776			252,162			141,716		
HOME FURNISHINGS	} 48,817	65,629	} 86,907 E	52,723	111,380	} 124,386 E	65,630	84,189	} 84,675 E	57,307	37,062	} 7,903 E
OTHER		70,095			65,729			66,116			28,148	
TOTAL MANUFACTURES	**524,973**	**596,583**	**71,610 E**	**540,644**	**771,545**	**230,901 E**	**639,076**	**637,731**	**1,345 I**	**348,914**	**235,147**	**113,767 I**
TOTAL MAN-MADE FIBER & MANUFACTURES	**636,025**	**1,830,331**	**1,194,306 E**	**636,319**	**2,079,853**	**1,443,534 E**	**796,356**	**2,088,768**	**1,292,412 E**	**409,924**	**789,705**	**379,781 E**
COTTON MANUFACTURES[d]	**746,096**	**477,960**	**268,136 I**	**810,930**	**523,094**	**287,836 I**	**961,900**	**367,299**	**594,601 I**	**434,594**	**138,680**	**295,914 I**
WOOL MANUFACTURES[e]	**109,543**	**15,592**	**93,951 I**	**103,288**	**24,264**	**79,024 I**	**113,626**	**12,323**	**101,303 I**	**21,759**	**6,540**	**15,219 I**

SOURCES: The man-made fiber import and export data are from the U.S. Bureau of the Census. The man-made, cotton and wool manufactures data are from *"Cotton and Wool Situation,"* a publication of the U.S. Department of Agriculture.

The total man-made fiber and manufactures import, export and balance data of this table cover the cellulosic and noncellulosic fibers only; textile glass fiber is excluded.

a. **E** means a net export balance; **I** is a net import balance.

b. The fibers included are shown under "Total Man-Made Fiber Above" on pages 206 and 207 herewith.

c. Man-made fiber equivalent.

d. Raw cotton equivalent. Data are similar to those on page 45 of the March 1982 *Organon*.

e. Raw wool content. The data differ from those on page 45 of the March 1982 *Organon* to the extent that noils and waste are included here.

YARN CONSUMED IN BROAD WOVEN FABRIC MILLS[a]

MILLION POUNDS

YARN	1980					1981					1982	
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q
100% FILAMENT												
RAYON, ACETATE & TRIACETATE	34.1	33.4	27.6	31.6	126.7	35.4	35.9	34.8	34.0	140.1	33.0	
NYLON	104.4	83.2	81.7	94.6	363.9	90.1	82.5	84.0	77.9	334.5	77.3	
POLYESTER	124.8	110.8	103.0	125.4	464.0	145.8	149.3	144.9	123.8	563.8	114.7	
TEXTILE GLASS	53.8	40.7	35.3	37.7	167.5	42.6	37.0	40.3	36.2	156.1	38.0	
OLEFIN & SARAN	74.0	67.9	} 74.0	112.0	318.9	} 107.3	80.3	71.5	69.0	328.1	57.4	
ALL OTHER	4.6	2.8			16.4							
TOTAL FILAMENT YARN ABOVE	**395.7**	**338.8**	**321.6**	**401.3**	**1457.4**	**421.2**	**385.0**	**375.5**	**340.9**	**1522.6**	**320.4**	
SPUN YARN												
100% COTTON	364.8	348.6	311.7	331.2	1356.3	322.5	323.5	303.1	293.7	1242.6	293.1	
100% WOOL	9.4	10.0	6.5	8.4	34.1	14.0	14.1	8.5	7.9	44.5	11.7	
100% ACRYLIC	6.7	8.0	7.4	6.5	28.6	5.6	6.0	5.2	4.0	20.8	5.5	
100% POLYESTER	43.4	35.1	30.8	27.8	137.1	40.5	39.7	41.7	38.1	160.0	33.8	
RAYON AND/OR ACETATE[b]	29.7	22.0	21.4	24.6	97.7	29.6	28.8	25.7	24.6	108.7	21.3	
POLYESTER/COTTON BLENDS[c]	359.6	355.5	324.3	333.2	1372.6	330.5	328.1	318.5	294.2	1271.3	297.6	
POLYESTER/WOOL BLENDS[c]	5.1	6.0	5.5	5.6	22.2	6.3	7.6	7.8	6.3	28.0	7.6	
POLYESTER/RAYON BLENDS[c]	35.4	39.4	36.9	45.7	157.4	37.8	39.1	41.0	37.6	155.5	37.3	
TOTAL SPUN YARN ABOVE	**854.1**	**824.6**	**744.3**	**783.0**	**3206.0**	**786.6**	**786.9**	**751.5**	**706.4**	**3031.4**	**707.9**	
ALL OTHER YARNS[d]	28.6	24.0	24.5	31.5	108.6	28.7	29.1	26.9	22.8	107.5	20.7	
GRAND TOTAL	**1278.4**	**1187.4**	**1090.4**	**1215.8**	**4772.0**	**1236.5**	**1201.0**	**1153.9**	**1070.1**	**4661.5**	**1049.0**	

SOURCE: U.S. Census Bureau, *Current Industrial Report MQ-22T.*

a. Includes data from all types of broad woven fabric mills, i.e., cotton, man-made, woolen & worsted and tire cord & fabric mills.

b. Includes 100% spun rayon and acetate as well as rayon and/or acetate/cotton blends, regardless of blend level.

c. Regardless of blend level.

d. All Other Yarns includes spun nylon, other blends, silk and paper.

TIRE CORD & TIRE CORD FABRICS PRODUCTION

MILLION POUNDS

TYPE OF FABRIC	1980					1981					1982	
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q
TIRE CORD & TIRE FABRICS												
NYLON	76.0	58.2	57.6	72.5	264.3	71.4	62.9	73.2	59.6	267.1	59.8	
POLYESTER	47.0	31.4	35.0	48.3	161.7	53.8	53.7	55.3	49.1	211.9	43.0	
RAYON	6.1	5.3	} 8.1	7.9	16.8	4.0	3.7	3.2	2.9	13.8	} 10.5	
GLASS	5.1	4.1			19.8	4.6	5.7	6.7	4.7	21.7		
CHAFER & OTHER[a]	7.7	6.4	7.6	8.2	29.9	16.2	10.5	13.0	14.6	54.3	14.8	
TOTAL TIRE CORD & TIRE CORD FABRICS	**141.9**	**105.4**	**108.3**	**136.9**	**492.5**	**150.0**	**136.5**	**151.4**	**130.9**	**568.8**	**128.1**	

SOURCE: U.S. Census Bureau, *Current Industrial Report MQ-22T.*

a. Includes a nominal amount of cotton and some steel.

BROAD WOVEN GOODS PRODUCTION

MILLION SQUARE YARDS

TYPE OF FABRIC	1980					1981					1982	
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q
COTTON FABRICS[a]	**1228.9**	**1186.2**	**990.4**	**1064.6**	**4470.1**	**966.5**	**961.4**	**941.8**	**986.6**	**3856.3**	**960.9**	
DUCK & ALLIED FABRICS	28.5	25.6	21.8	17.2	93.1	20.7	25.3	26.1	23.0	95.1	26.6	
SHEETING & ALLIED FABRICS	209.7	205.8	156.3	181.1	752.9	175.3	170.4	163.0	169.4	678.1	145.8	
PRINT CLOTH YARN FABRICS	469.1	455.6	376.2	419.7	1720.6	351.9	333.3	339.1	408.0	1432.3	416.9	
DENIMS	167.2	170.2	151.0	148.9	637.3	146.1	150.7	155.3	138.2	590.3	129.3	
TOWELING, WASH & DISHCLOTHS	126.5	120.1	106.5	122.5	475.6	127.8	125.1	115.9	121.0	489.8	107.1	
BLANKETING & OTHER NAPPED FABRICS	32.0	27.1	24.2	27.3	110.6	24.6	24.3	20.4	18.1	87.4	18.3	
FINE COTTON FABRICS	34.0	30.8	29.2	17.4	111.4	13.7	16.9	17.2	16.5	64.3	18.7	
CORDUROYS	125.6	113.2	93.3	87.8	419.9	73.2	74.7	68.0	60.8	276.7	65.2	
UPHOLSTERY & TAPESTRY	6.2	9.7	7.3	6.9	30.1	5.9	7.0	7.2	6.4	26.5	7.9	
VELVETS	3.9	3.4	3.1	3.0	13.4	2.0	3.2	3.2	2.9	11.3	2.5	
ALL OTHER FABRICS	26.2	24.7	21.5	32.8	105.2	25.3	30.5	26.4	22.3	104.5	22.6	
WOOLEN & WORSTED FABRICS[b]	**55.4**	**55.8**	**37.3**	**40.7**	**189.2**	**50.5**	**53.0**	**39.0**	**35.6**	**178.1**	**43.4**	
MEN'S & BOYS' CLOTHING	32.0	30.3	19.2	20.6	102.1	26.9	26.5	18.3	17.6	89.3	25.4	
WOMEN'S & CHILDREN'S CLOTHING	19.2	22.3	16.2	16.9	74.6	22.4	25.3	19.7	16.7	84.1	16.7	
NONAPPAREL FABRICS	4.2	3.2	1.9	3.2	12.5	1.2	1.2	1.0	1.3	4.7	1.3	
MAN-MADE FABRICS	**2726.7**	**2611.6**	**2468.0**	**2967.8**	**10774.1**	**2906.1**	**2879.9**	**2855.9**	**2586.8**	**11228.7**	**2366.4**	
100% FILAMENT YARN FABRICS												
COMBINATIONS, CHIEFLY ACETATE	12.4	12.5	11.9	13.9	50.7	14.1	14.0	13.0	11.5	52.6	10.2	
100% NYLON	166.0	156.7	152.4	146.9	602.0	118.8	103.3	109.3	101.2	432.6	110.2	
100% POLYESTER	248.6	278.4	258.8	300.7	1086.5	302.2	320.3	312.4	266.5	1201.4	219.0	
TEXTILE GLASS	115.2	97.9	85.5	93.2	391.8	106.6	92.8	99.1	87.6	386.1	85.7	
100% ACETATE	81.3	91.5	87.3	98.5	358.6	99.9	99.0	93.6	95.9	388.4	92.0	
COMBINATIONS, CHIEFLY POLYESTER	23.9	22.4	24.0	21.2	91.5	21.5	20.0	21.9	23.3	86.7	} 273.0	
100% RAYON	6.3	6.7	6.0	7.1	26.1	7.1	6.4	6.0	5.0	24.5		
OTHER	319.8	289.6	302.3	461.7	1373.4	357.3	326.5	301.4	293.4	1278.6		
100% SPUN YARN FABRICS & BLENDS												
RAYON & ACETATE	96.2	90.1	84.8	160.3	431.4	174.5	179.6	144.2	94.1	592.4	30.5	
ACRYLIC	3.9	4.3	5.2	4.7	18.1	2.9	3.7	3.2	2.5	12.3	6.4	
100% POLYESTER	58.3	51.8	53.3	54.8	218.2	70.3	69.3	65.8	66.2	271.6	61.7	
POLYESTER WITH COTTON	1117.4	1100.5	1015.0	1110.0	4342.9	1114.2	1100.9	1124.6	1037.7	4377.4	1008.3	
POLYESTER WITH RAYON	147.7	140.4	141.2	167.0	596.3	177.3	190.9	193.7	176.6	738.5	159.7	
POLYESTER WITH OTHER FIBERS	16.6	7.5	14.5	15.4	54.0	15.3	15.6	22.5	19.4	72.8	21.9	
BLANKETING[c]	29.9	31.5	31.6	28.7	121.7	24.6	28.1	14.3[d]	11.7[d]	99.5	20.3	
POLYESTER WITH WOOL	11.4	11.1	13.4	14.5	50.4	12.6	13.4	}		58.0	15.1	
NYLON	5.2	6.1	5.2	6.3	22.8	8.6	12.5	} 40.6[e]	37.4[e]	39.0	11.0	
ALL OTHER	12.3	10.1	9.0	12.4	43.8	4.3	4.3	}		15.9	3.9	
COMBINATIONS & MIXTURES[f]												
FILAMENT POLYESTER WARP	71.2	62.6	64.5	87.7	286.0	82.3	76.3	68.7	58.4	285.7	55.8	
FILAMENT RAYON OR ACETATE WARP	14.2	15.0	18.4	28.8	76.4	} 38.5	37.4	35.1	32.9	143.9	28.5	
OTHER FILAMENT WARP	8.4	4.7	2.2	3.1	18.4						5.2	
OTHER	121.8	88.6	75.3	97.3	383.0	115.8	125.6	147.8	134.7	523.9	119.7	
SPECIALTY FABRICS[g]												
VELVETS	4.1	4.3	3.9	3.9	16.2	4.4	4.6	3.9	3.4	16.3	3.8	
UPHOLSTERY & TAPESTRY	29.9	23.0	18.2	26.0	97.1	28.9	28.6	27.9	21.2	106.6	} 24.5	
SILK	2.0	1.3	1.3	1.5	6.1	} 4.1	6.8	6.9	6.2	24.0		
OTHER[g]	2.7	3.0	2.8	2.2	10.7							
TOTAL BROAD WOVEN FABRICS ABOVE	**4011.0**	**3853.6**	**3495.7**	**4073.1**	**15433.4**	**3923.1**	**3894.3**	**3836.7**	**3609.0**	**15263.1**	**3370.7**	

SOURCE: U.S. Census Bureau, *Current Industrial Report MQ-22T.*

a. Drapery & Bedspread Fabrics has been dropped from this category because any type of fabric can be used for those purposes and including it amounted to double-counting.

b. Felts are not included.

c. Acrylic+modacrylic and polyester. Does not include polyester for 3rd & 4th Q 1981.

d. Acrylic+modacrylic only.

e. Includes polyester blanketing.

f. Includes filament & spun yarn fabrics.

g. 100% or chiefly man-made fibers; chief fiber not specified. Also includes small poundages of tie, twisted paper yarn and girdle & swimwear fabrics.

MAN-MADE FIBER BROAD WOVEN GOODS PRODUCTION

MILLION SQUARE YARDS

TYPE OF FABRIC	1980					1981					1982	
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q
100% FILAMENT YARN FABRICS	**973.5**	**955.7**	**908.2**	**1143.2**	**3980.6**	**1027.5**	**982.3**	**956.7**	**884.4**	**3850.9**	**790.1**	
FILAMENT COMB., CHIEFLY ACETATE	12.4	12.5	11.9	13.9	50.7	14.1	14.0	13.0	11.5	52.6	10.2	
100% FILAMENT NYLON	166.0	156.7	132.4	146.9	602.0	118.8	103.3	109.3	101.2	432.6	110.2	
INDUSTRIAL TYPE	68.8	59.1	48.4	55.5	231.8	56.0	52.6	56.1	55.2	219.9	55.1	
TAFFETAS (PLAIN WEAVE)												
50 & 70 DENIER	51.0	59.4	53.0	59.0	222.4	46.9	36.4	36.0	30.3	149.6	55.1	
ALL OTHER	34.0	28.0	22.6	24.4	109.0	8.4	7.7	10.1	9.0	35.2		
TWILLS & SATINS[a]	4.3	4.0	3.1	3.5	14.7	3.2	3.5	3.4	3.6	13.7		
ALL OTHER	7.9	6.2	5.3	4.7	24.1	4.3	3.1	3.7	3.1	14.2		
100% FILAMENT POLYESTER	248.6	278.4	258.8	300.7	1086.5	302.2	320.3	312.4	266.5	1201.4	219.0	
TEXTURED YARN												
UP TO 4 OZ. SQ YD	43.6	51.6	52.9	52.5	200.6	64.6	68.3	73.7	66.8	273.4	58.7	
4 OZ & OVER SQ YD	141.4	165.9	152.7	185.6	645.6	186.6	197.5	186.4	143.1	713.6	108.0	
NONTEXTURED YARN												
INDUSTRIAL TYPE	17.4	14.3	12.5	13.1	57.3	13.5	10.1	9.9	10.2	43.7	11.4	
MARQUIS., NINONS & OTHER SHEERS	33.3	33.7	34.2	39.7	140.9	27.3	36.3	35.9	39.0	138.5	34.0	
TAFFETAS	12.9	12.9	6.5	9.8	42.1	7.0	4.8	2.9	3.6	18.3	3.4	
ALL OTHER						3.2	3.3	3.6	3.8	13.9	3.5	
GLASS FIBER	115.2	97.9	85.5	93.2	391.8	106.6	92.8	99.1	87.6	386.1	85.7	
INDUSTRIAL												
WOVEN ROVING & SCREENING	13.6	13.1	9.4	8.6	44.7	9.8	9.7	8.5	5.6	33.6	4.7	
ALL OTHER[b]	101.6	84.8	76.1	84.6	347.1	96.8	83.1	90.6	82.0	352.5	81.0	
100% FILAMENT ACETATE	81.3	91.5	87.3	98.5	358.6	99.9	99.0	93.6	95.9	388.4	92.0	
TAFFETAS (PLAIN WEAVE)												
75 DENIER WARP	13.0	14.0	10.6	8.7	46.3	8.4	7.8	8.1	8.8	33.1	8.9	
150 DENIER WARP	9.3	7.9	9.9	12.7	39.8	9.5	11.2	13.6	14.5	48.8	12.1	
ALL OTHER	13.7	19.9	31.2	33.5	98.3	36.5	36.6	26.5	27.7	127.3	28.2	
SATINS	12.0	20.9	9.9	12.5	55.3	12.8	12.9	14.2	15.3	55.2	42.8	
ALL OTHER[c]	33.3	28.8	25.7	31.1	118.9	32.7	30.5	31.2	31.6	126.0		
FILAMENT COMB., CHIEFLY POLYESTER	23.9	22.4	24.0	21.2	91.5	21.5	20.0	21.9	23.3	86.7		
100% FILAMENT RAYON	6.3	6.7	6.0	7.1	26.1	7.1	6.4	6.0	5.0	24.5	27.3.0	
TWILLS	4.4	5.1	4.9	6.1	20.5	6.4	5.7	4.5	3.2	19.8		
ALL OTHER[d]	1.9	1.6	1.1	1.0	5.6	0.7	0.7	1.5	1.8	4.7		
OTHER 100% FILAMENT YARN[e]	319.8	289.6	302.3	461.7	1373.4	357.3	326.5	301.4	293.4	1278.6		

See footnotes on opposite page.

EXPORTS TO NONPRODUCING COUNTRIES

Exports by the selected producing countries to nonproducing countries are depicted in the table on page 205. In this table only the aggregate exports to nonproducing countries which imported a total of 200,000 pounds or more of man-made fiber (excluding textile glass fiber) are itemized. Countries which imported lesser amounts are grouped under the "Other" category for each region. The data cannot be regarded as all-inclusive or statistically exact; rather, they indicate the relative importance of the listed countries as importers of man-made fiber.

Although North Korea reportedly produces man-made fibers, no official data are available. Rather, North Korea is considered a "nonproducer" and is included in this table, as is Guatemala, which has within the last few years begun production of man-made fibers.

Countries which produce only olefin fiber, for example, Denmark, El Salvador, Honduras and Nicaragua, are also included in this tabulation.

SUMMARY OF EXPORTS

The following table presents a rough summary of the export distribution of the selected producing countries for the years 1979-1981. For this period, the net export balances for these countries were, respectively, 3,157.0, 3,357.0 and 3,646.0 million pounds. These exports went to Eastern Europe and the People's Republic of China, to other producing countries and to countries which do not produce man-made fibers; in the table, these poundages are presented, respectively, on lines 2, 4 and 3.

Concerning other aspects of the table, line 4 is derived by subtracting the exports of lines 2 and 3 from the net exports shown in line 1. Line 5 shows the total imports of other producing countries (excluding Eastern Europe and the People's Republic of China). Line 6 is simply the difference between line 4 and 5. These poundages may include: a) imports from Eastern Europe and the People's Republic of China, b) imports from producing countries other than the selected producing

(Continued on page 204)

MAN-MADE FIBER BROAD WOVEN GOODS PRODUCTION *(Continued)*

MILLION SQUARE YARDS

TYPE OF FABRIC	1980 1ST Q	1980 2ND Q	1980 3RD Q	1980 4TH Q	1980 YEAR	1981 1ST Q	1981 2ND Q	1981 3RD Q	1981 4TH Q	1981 YEAR	1982 1ST Q	1982 2ND Q
100% SPUN YARN FABRICS & BLENDS	**1498.9**	**1453.4**	**1373.2**	**1574.1**	**5899.6**	**1604.6**	**1618.3**	**1608.9**	**1445.6**	**6277.4**	**1338.8**	
SPUN RAYON AND/OR ACETATE BLENDS[f]											11.1	
100% SPUN RAYON AND/OR ACETATE[f]	67.5	63.5	63.6	136.9	331.5	150.1	155.9	130.7	79.5	516.2	19.4	
TWILLS & SATINS											6.8	
OTHER	28.7	26.6	21.2	23.4	99.9	24.4	23.7	13.5	14.6	76.2	12.6	
SPUN ACRYLIC[f]	3.9	4.3	5.2	4.7	18.1	2.9	3.7	3.2	2.5	12.3	6.4	
100% SPUN POLYESTER[f]	58.3	51.8	53.3	54.8	218.2	70.3	69.3	65.8	66.2	271.6	61.7	
PRINT CLOTH YARN	15.8	16.5	18.6	12.6	63.5	10.1	12.5	12.2	13.9	48.7	8.6	
OTHER	42.5	35.3	34.7	42.2	154.7	60.2	56.8	53.6	52.3	222.9	53.1	
SPUN POLYESTER BLENDS WITH COTTON[f]	1117.4	1100.5	1015.0	1110.0	4342.9	1114.2	1100.9	1124.6	1037.7	4377.4	1008.3	
BATISTE	74.2	66.5	65.6	74.8	281.1	74.9	67.0	67.0	61.0	269.9	64.4	
BED SHEETING												
COMBED	415.9	426.6	373.7	402.9	1619.1	404.5	398.1	404.0	367.7	1574.1	202.9	
CARDED											148.0	
COMBED BROADCLOTH	91.0	75.1	65.4	67.8	299.3	55.4	62.4	77.6	72.2	267.6	69.7	
OXFORDS												
SHIRTING	6.3	6.6	6.3	12.2	31.4	14.1	13.3	15.2	16.4	59.0	19.9	
OTHER (INCL. HOPSACKS)	12.5	12.0	14.2	15.4	54.1	11.4	11.3	8.6	8.4	39.7	5.5	
POPLINS	55.7	68.4	60.9	60.3	245.3	65.6	73.3	85.2	79.5	303.6	69.5	
PRINT CLOTH FABRICS												
PLAIN PRINT CLOTH[g]	185.6	169.1	177.0	189.7	696.3	212.1	202.9	223.1	211.0	849.1	194.5	
ALL OTHER	12.1	15.5			52.7						20.7	
SATEENS	24.1	22.5	22.0	23.9	92.5	9.0	7.6	5.6	4.4	26.6	h	
TWILLS, INCL. GABARDINE												
LESS THAN 8 OZ./SQ YD	62.1	56.8	48.9	67.0	234.8	62.8	57.0	58.4	63.3	241.5	69.2	
8 OZ./SQ YD & OVER	30.6	28.6	31.8	30.2	121.2	35.9	42.8	33.2	22.6	134.5	22.1	
YARN DYED FABRICS												
SHIRTINGS, STRIPES & CHAMBRAY	77.6	72.9	68.1	66.3	284.9	62.1	62.4	55.4	53.0	232.9	18.4	
OTHER											31.9	
VOILES	19.0	22.6	21.2	24.6	87.4	11.1	9.5	11.6	9.0	41.2	7.1	
CORDUROY						18.0	18.6	79.7	69.2	67.1		
ALL OTHER[i]	50.7	57.3	59.9	74.9	242.8	77.5	74.7			270.6	64.5	
SPUN POLYESTER BLENDS WITH RAYON[f]	147.7	140.4	141.2	167.0	596.3	177.3	190.9	193.7	176.6	738.5	159.7	
PLAIN PRINT CLOTH	89.8	89.8	88.0	100.4	368.0	115.9	118.9	113.8	103.7	452.3	95.6	
OTHER PRINT CLOTH YARN	18.8	17.4	53.2	66.6	57.1	61.4	72.0	79.9	72.9	286.2	64.1	
ALL OTHER	39.1	33.2			171.2							
SPUN POLYESTER BLENDS WITH OTHER FIBERS[f]	16.6	7.5	14.5	15.4	54.0	15.3	15.6	22.5	19.4	72.8	21.9	
BLANKETING	29.9	31.5	31.6	28.7	121.7	24.6	28.1			99.5	20.3	
SPUN ACRYLIC+MODACRYLIC	18.1	19.8	17.4	15.7	71.0	14.4	15.9	14.3	11.7	56.3	9.6	
SPUN POLYESTER	11.8	11.7	14.2	13.0	50.7	10.2	12.2			45.2	10.7	
SPUN POLYESTER BLENDS WITH WOOL	11.4	11.1	13.4	14.5	50.4	12.6	13.4	40.6	37.4	58.0	15.1	
SPUN NYLON	5.2	6.1	5.2	6.3	22.8	8.6	12.5			39.0	11.0	
ALL OTHER 100% SPUN YARN FABRICS & BLENDS	12.3	10.1	9.0	12.4	43.8	4.3	4.3			15.9	3.9	
COMBINATIONS & MIXTURES OF FILAMENT & SPUN YARN FABRICS	**215.6**	**170.9**	**160.4**	**216.9**	**763.8**	**236.6**	**239.3**	**251.6**	**226.0**	**953.5**	**209.2**	
FILAMENT POLYESTER WARP	71.2	62.6	64.5	87.7	286.0	82.3	76.3	68.7	58.4	285.7	33.0	
TEXTURED POLYESTER WARP											22.8	
FILAMENT RAYON OR ACETATE WARP	14.2	15.0	18.4	28.8	76.4	38.5	37.4	35.1	32.9	143.9	28.5	
ALL OTHER FILAMENT WARP	8.4	4.7	2.2	3.1	18.4						5.2	
SPUN WARP WITH FILAMENT FILLING	101.1	68.6	75.3	97.3	313.2	115.8	125.6	147.8	134.7	523.9	119.7	
COMBINATION FILAMENT & SPUN WARP OR FILLING	20.7	20.0			69.8							
OTHER SPECIALTY FABRICS[j]	**38.7**	**31.6**	**26.2**	**33.6**	**130.1**	**37.4**	**40.0**	**38.7**	**30.8**	**146.9**	**28.3**	
VELVETS, PLUSHES & OTHER PILE	4.1	4.3	3.9	3.9	16.2	4.4	4.6	3.9	3.4	16.3	3.8	
UPHOLSTERY & TAPESTRY	29.9	23.0	18.2	26.0	97.1	28.9	28.6	27.9	21.2	106.6		
SILK	2.0	1.3	1.3	1.5	6.1	4.1	6.8	6.9	6.2	24.0	24.5	
ALL OTHER[k]	2.7	3.0	2.8	2.2	10.7							
TOTAL MAN-MADE FIBER FABRICS ABOVE	**2726.7**	**2611.6**	**2468.0**	**2967.8**	**10774.1**	**2906.1**	**2879.9**	**2855.9**	**2586.8**	**11228.7**	**2366.4**	

SOURCE: U.S. Census Bureau, *Current Industrial Report MQ-22T.*

a. Also includes marquisettes, ninons and other sheers.
b. Includes household fabrics (marquisettes, drapery, upholstery, etc.).
c. Includes marquisettes, ninons, sheers, industrials and twills.
d. Includes marquisettes, ninons, sheers, industrials, taffetas and satins.
e. Includes filament combinations, chiefly rayon, and saran & olefin.
f. Except blanketing.
g. Includes carded broadcloth.
h. Included in All Other Spun Polyester Blends With Cotton below.
i. Includes seersucker and piece-dyed pattern fabrics. Also includes sateens for 1st Q 1982.
j. Drapery & Bedspread Fabrics has been dropped from this category because any type of fabric can be used for those purposes and including it amounted to double counting.
k. Includes tie, twisted paper yarn and girdle & swimwear fabrics.

SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION

THOUSAND POUNDS

COUNTRY	A. CELLULOSIC YARN, MONO & STRIPS			B. NONCELLULOSIC TEXTILE YARN			C. N.C. INDUSTRIAL YARN, MONO & STRIPS			D. CELLULOSIC STAPLE+TOW			E. NONCELLULOSIC STAPLE+TOW		
	1980	1981	6 MOS. 1982	1980	1981	6 MOS. 1982	1980	1981	6 MOS. 1982	1980	1981	6 MOS. 1982	1980	1981	6 MOS. 1982
CANADA	3199	2156	650	22345	26111	11076	9386	7506	2938	3928	4628	668	76705	76689	31114
COSTA RICA	53	15	10	1795	1900	458	495	259	131	549	47	0	3269	5010	1863
DOMINICAN REPUBLIC	123	27	55	2502	1373	453	1079	80	15	153	90	29	768	370	94
EL SALVADOR	262	147	2	2176	2845	1843	316	358	248	557	481	124	7774	9613	3557
GUATEMALA	578	313	0	2908	3374	2011	1650	718	145	275	122	0	7384	5342	2586
HAITI	39	11	0	609	647	338	53	22	5	0	16	2	11	15	6
HONDURAS	0	36	0	1538	1131	470	18	24	18	911	1141	0	209	674	612
JAMAICA	32	6	0	453	517	91	6	1	1	0	0	0		154	1
LEEWARD & WINDWARD IS.	0	0	0	19	60	3	21	26	3	0	40	31	25	0	2
MEXICO	55	144	7	4521	2364	1624	2270	2166	615	9050	8916	5152	14588	9744	4816
NICARAGUA	0	0	0	44	8	4	7	3	7	157	40	0	1734	964	439
PANAMA	33	10	0	200	195	38	65	65	35	20	20	0	109	220	101
TRINIDAD	1	0	0	50	11	43	5	5	5	3	4	1	48	15	3
OTHER	0	0	1	16	9	50	115	46	30	12	36	0	5	10	48
NORTH AMERICA	**4375**	**2865**	**725**	**39174**	**40545**	**18502**	**15484**	**11279**	**4192**	**15615**	**15581**	**6007**	**112629**	**108818**	**45242**
ARGENTINA	227	161	76	3682	3442	2244	927	608	117	1514	1217	442	9467	9444	4598
BOLIVIA	0	33	0	344	155	40	3	2	0	405	115	0	2561	1215	136
BRAZIL	788	9	7	2957	1153	643	2878	4358	1252	416	2	2	9026	8097	1525
CHILE	206	174	24	1373	1069	57	249	219	13	264	1540	326	4052	4392	982
COLOMBIA	170	4	30	1745	421	1492	748	1792	516	2852	1779	1358	7454	5538	1254
ECUADOR	321	401	537	1906	1986	441	968	985	213	1930	704	475	8395	7530	2554
GUYANA	0	0	0	155	20	0	0	-	5	0	0	0	45	-	0
PARAGUAY	0	0	0	-	0	19	0	0	0	0	0	0	170	165	-
PERU	46	1	1	4252	4089	571	681	572	576	788	839	256	2588	2518	852
URUGUAY	23	21	0	204	84	11	108	52	1	1519	186	39	2342	859	53
VENEZUELA	353	31	12	3036	3745	951	1902	1205	495	10871	10555	4705	1751	541	1392
OTHER	0	0	0	5	2	0	0	1	-	0	0	0	0	-	0
SOUTH AMERICA	**2134**	**835**	**687**	**19637**	**16166**	**6449**	**8464**	**9594**	**3168**	**20339**	**16937**	**7601**	**47829**	**40299**	**13346**
BELGIUM/LUXEMBOURG	8529	10786	4978	22419	16869	5757	21280	17871	7064	136	339	21	21196	16807	8532
DENMARK		1	0	484	284	377	142	239	448	24	2	2	12056	8086	5717
FRANCE	34	46	15	2919	1385	2328	1094	822	417	571	172	103	1877	1121	410
GERMANY, FED. REP. OF	39	520	449	3204	1422	2180	4362	2277	1228	976	160	141	8390	958	2483
GREECE	19	33	26	13	96	50	228	128	2	82	0	1	1650	399	452
IRELAND	9	2	0	6011	8404	3135	339	438	118	2	7	0	815	642	157
ITALY	67	1	5	2622	1870	2967	1133	590	1279	190	91	369	10888	1392	3218
NETHERLANDS	5	1	0	1279	231	368	781	255	113	276	66	13	7863	1883	1827
UNITED KINGDOM	48	130	9	23758	9459	5434	5659	6937	2075	506	288	169	17872	4467	5796
SUBTOTAL EEC	**8750**	**11520**	**5482**	**62709**	**40020**	**20596**	**35018**	**29557**	**12744**	**2563**	**1125**	**819**	**82605**	**35755**	**26572**
AUSTRIA	0	1	0	664	139	0	164	17	8	6	123	1	1	2	38
CZECHOSLOVAKIA	125	152	103	1	0	0	105	2	1	0	0	0	0	0	0
FINLAND	831	0	0	1937	2823	567	739	16	41	40	2	28	2424	1504	1640
GERMAN DEM. REP.	0	0	0	11	35	19	245	0	0	9	0	0	59	533	225
HUNGARY	0	0	2	0	536	1091	0	0	0	0	0	0	0	0	378
ICELAND	4	1	0	104	0	1	90	0	0	0	0	0	4	86	181
NORWAY	0	0	0	1353	743	224	30	3	20	71	39	11	573	385	259
POLAND	485	55	0	963	31	305	4179	218	0	0	0	0	3873	329	0
PORTUGAL	0	2	0	232	76	165	89	5	31	20	0	0	915	214	781
ROMANIA	0	0	0	0	0	0	0	-	0	0	0	0	566	0	0
SPAIN	2	74	0	1310	655	736	2045	1003	637	85	23	36	5683	1297	1030
SWEDEN	6	4	0	617	97	231	1810	888	922	106	53	14	3015	1110	601
SWITZERLAND	97	4	1	1071	1160	915	32	23	15	60	9	4	1955	1870	825
TURKEY	0	0	0	1	1041	2568	15918	11588	7561	0	0	0	1334	-	229
USSR	1476	1342	0	578	0	0	0	1	0	95	0	0	2313	0	304
YUGOSLAVIA	0	0	12	0	1333	0	1422	714	137	0	0	0	674	1483	363
OTHER	0	0	0	3	0	0	-	24	0	0	0	0	0	0	0
EUROPE	**11776**	**13155**	**5600**	**71554**	**48689**	**27418**	**61886**	**44059**	**22117**	**3055**	**1374**	**913**	**105974**	**44566**	**33426**

Table continues on opposite page.

SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION *(Continued)*

THOUSAND POUNDS

COUNTRY	A. CELLULOSIC YARN, MONO & STRIPS			B. NONCELLULOSIC TEXTILE YARN			C. N.C. INDUSTRIAL YARN, MONO & STRIPS			D. CELLULOSIC STAPLE+TOW			E. NONCELLULOSIC STAPLE+TOW		
	1980	1981	6 MOS. 1982	1980	1981	6 MOS. 1982	1980	1981	6 MOS. 1982	1980	1981	6 MOS. 1982	1980	1981	6 MOS. 1982
ARAB EMIRATES	0	0	0	0	0	108	0	3	0	0	0	0	4	3	4
AUSTRALIA	1596	1554	716	7848	13682	5524	1863	1655	780	779	349	375	17481	17612	6377
BANGLADESH	0	0	0	84	704	167	0	16	0	0	0	0	0	0	0
CHINA, PEOPLE'S REP. OF	2573	4146	3203	52210	151230	79345	9055	6703	391	10	2	0	314004	465061	85776
HONG KONG	39	0	5	823	32705	1714	545	515	384	7397	4268	3009	19133	12578	1316
INDIA	0	0	0	3644	20927	1035	1055	2069	1056	2720	274	342	1784	303	78
INDONESIA	0	33	48	120	238	1263	161	47	60	3959	3800	2750	1620	2512	180
IRAQ	0	0	0	79	125	262	0	..	0	0	0	0	0	0	0
ISRAEL	57	42	25	6614	3488	3359	6654	6535	2982	108	38	32	2133	1762	1025
JAPAN	75	121	52	2806	5651	1750	10700	13833	5771	706	1697	245	10681	7771	3116
JORDAN	0	0	0	168	354	141	11	0	0	0	0	0	2	..	..
KOREA, REP. OF	1818	779	478	610	3398	3316	568	385	253	922	7895	2644	2517	3832	1686
LEBANON	0	0	0	457	207	73	42	9	0	0	2	0	108	105	..
MALAYSIA	152	60	0	0	0	0	89	74	23	113	0	1	1527	1504	232
NEW GUINEA	0	0	0	0	0	0	0	0	0	0	0	0	109	0	0
NEW ZEALAND	24	25	6	586	1207	547	183	298	94	1	63	16	2525	1000	289
PAKISTAN	0	2	4	10	134	72	1	12	0	159	94	2	352	134	0
PHILIPPINES	108	28	19	358	612	414	286	312	12	11652	7376	3527	10164	5425	2357
QATAR	0	0	0	0	0	0	0	0	144	0	0	0	0	0	0
SAUDI ARABIA	2	0	0	7	150	94	253	244	238	0	0	3	2	295	14
SINGAPORE	26	20	0	20	38	2	65	53	3	113	1333	1869	524	299	124
SYRIA	0	0	0	1044	967	57	66	40	408	0	0	0	13	0	0
TAIWAN	6	198	0	676	752	599	2705	2605	366	585	401	217	36513	36412	21884
THAILAND	158	123	15	3	2	12	93	115	28	288	0	57	1634	2063	458
OTHER	4	0	0	47	32	12	163	8	12	..	0	3	102	53	32
ASIA & OCEANIA	**6638**	**7131**	**4571**	**78214**	**236603**	**99666**	**34358**	**35531**	**13005**	**29512**	**27592**	**15072**	**422932**	**558724**	**124948**
ALGERIA	0	0	0	5255	128	5442	26	2764	0	530	0	0	0	0	7
CAMEROON	0	0	0	0	93	289	1	0	0	0	0	0	0	0	0
EGYPT	0	0	0	3573	6633	13688	2705	929	1145	0	0	0	2919	574	136
KENYA	0	0	0	191	0	0	3	1	0	21	22	0	132	394	187
MOROCCO	644	79	0	516	497	2747	1553	52	587	245	8	0	4270	448	30
MOZAMBIQUE	0	0	0	608	249	0	0	..	0	0	0	0	0	0	0
NIGERIA	38	0	0	6179	2327	3072	91	290	82	0	0	0	2355	25	99
SOUTH AFRICA	1324	641	347	2786	4544	1206	2804	2338	1015	1755	632	31	33254	35699	16781
TUNISIA	0	0	0	102	0	195	0	0	0	0	0	0	20	5	1
ZAIRE	0	0	0	138	0	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	0	0	0	2	1	..	2	1	..	0	14	0	2	1041	0
OTHER	0	0	0	6	46	67	11	67	94	0	0	0	158	88	26
AFRICA	**2006**	**720**	**347**	**19356**	**14518**	**26706**	**7196**	**6442**	**2923**	**2551**	**676**	**31**	**43110**	**38274**	**17267**
GRAND TOTAL	**26929**	**24706**	**11930**	**227935**	**356521**	**178741**	**127388**	**106905**	**45405**	**71072**	**62160**	**29624**	**732474**	**790681**	**234229**

The commodity numbers are:

A. 309.0110, .2210, 310.0006 & .0026.

B. 310.0008, .0009, .0010, .0014, .0029, .0034, .0040 & .0044.

C. 309.0120, .0140, .0170, .2220, .2270, 310.0027 & .0032.

D. 309.4219 & .4222.

E. 309.3220, .3240, .3250, .3255, .4240, .4242, .4245, .4246 & .4247.

SELECTED EXPORTS OF MAN-MADE FIBER TO EASTERN EUROPE & PEOPLE'S REPUBLIC OF CHINA

MILLION POUNDS

COUNTRY	CELLULOSIC						NONCELLULOSIC						TOTAL		
	YARN[a]			STAPLE[b]			YARN[a]			STAPLE[b]					
	1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981
EXPORTED BY															
AUSTRIA	3.0	4.5	4.9	56.2	53.5	51.2	0.1	0.6	5.0	4.4	8.0	12.0	65.7	66.6	75.1
BELGIUM/LUX.	0.1	0.1	1.0	3.8	2.4	1.5	1.0	3.9	1.8	0.1	0.6	0.5	5.0	7.0	4.6
FINLAND	0.8	0.6	0	27.3	37.1	18.5	0	–	0	0	0.2	0.2	28.1	37.9	33.7
FRANCE	2.2	1.9	1.9	2.4	6.5	0.9	8.5	5.8	3.7	6.8	10.9	6.1	19.9	25.1	12.6
GERMANY, FED. REP. OF	11.7	17.9	20.0	4.8	11.5	11.1	51.0	82.0	73.6	35.7	114.4	137.5	103.2	225.8	242.0
GREECE	c	c	7.0	c	c	0	c	c	1.8	c	c	5.1	c	c	11.9
IRELAND	d	0	0	d	0.5	0.4	d	0.5	–	d	0.4	0.2	d	1.2	0.6
ITALY	3.9	4.8	8.9	1.1	3.4	3.5	19.7	41.9	47.6	21.5	86.4	151.7	46.2	136.5	211.7
JAPAN	40.5	40.0	54.1	32.5	76.5	56.4	20.1	40.5	71.4	96.3	199.5	261.4	189.4	356.1	425.5
NETHERLANDS	0	0.1	1.2	0	0.1	0.2	14.5	2.1	1.5	16.9	0.1	0.9	31.4	2.4	5.6
NORWAY	0.2	0	0	5.8	9.5	3.9	0.5	0.5	0.5	0	0.1	0.1	6.5	10.1	4.5
SPAIN	0.2	0	0.1	8.2	11.1	0.2	0.4	1.0	4.3	2.2	25.9	46.2	11.0	36.0	50.8
SWEDEN	0	0	–	9.1	7.7	0.7	2.4	5.5	–	0	–	–	11.5	11.0	0.7
SWITZERLAND	0.5	0		0	0		7.5	6.2	6.7	1.0	2.5	2.8	8.6	8.5	9.5
UNITED KINGDOM	20.9	23.7	26.9[e]	42.1	69.1	62.6[e]	18.0	15.2	13.9[e]	77.5	29.5	25.5[e]	158.5	137.5	128.9[e]
U.S.A.	3.8	4.7	5.7	6.8	1.0		30.6	91.7	160.8	142.0	521.4	467.4	183.2	618.8	633.9
TOTAL	**87.6**	**98.3**	**131.7**	**200.1**	**289.7**	**206.1**	**173.9**	**295.0**	**392.2**	**404.2**	**797.5**	**1115.0**	**865.8**	**1480.5**	**1845.0**
IMPORTED BY															
BULGARIA	1.0	1.1	3.8	2.4	3.1	3.7	3.8	2.8	2.6	7.0	0.9	0.9	14.2	7.9	11.0
CHINA, P.R.O.	21.0	24.7	45.6	78.9	142.0	102.6	49.7	136.7	245.8	228.9	571.0	921.0	378.5	874.4	1315.0
CZECHOSLOVAKIA	1.5	1.4	1.7	2.8	5.1	3.8	2.9	4.4	6.5	6.7	12.2	12.5	13.9	23.1	24.5
GERMAN DEM. REP.	4.4	5.3	5.8	7.0	8.5	7.0	8.1	10.5	16.4	4.9	17.6	16.5	24.4	41.7	45.7
HUNGARY	16.0	14.2	17.5	6.2	5.3	9.1	14.6	16.0	18.4	26.8	24.0	33.9	63.6	59.5	78.9
POLAND	3.1	4.2	3.0	31.1	21.1	26.1	29.6	21.2	8.1	35.8	46.9	25.5	99.6	93.4	60.7
ROMANIA	6.2	7.5	13.3	52.1	26.1	16.3	5.8	5.2	5.1	1.0	1.8	1.9	65.1	40.6	54.6
USSR	31.9	37.5	39.8	11.4	75.3	35.3	31.9	64.2	56.2	50.2	80.4	54.0	125.4	257.4	185.5
YUGOSLAVIA	2.5	2.4	3.2	8.2	3.2	2.2	29.5	34.2	35.1	42.9	42.7	51.0	83.1	82.5	91.5
TOTAL	**87.6**	**98.3**	**131.7**	**200.1**	**289.7**	**206.1**	**173.9**	**295.0**	**392.2**	**404.2**	**797.5**	**1115.0**	**865.8**	**1480.5**	**1845.0**

a. Yarn means filament yarn, monofilaments, tire cord & tire cord fabric.

b. Staple includes tow, tops and spun yarn.

c. Data for Greece were not included with those from the EEC until 1981.

d. No data from Ireland were included prior to 1980.

e. Data for the United Kingdom for 1981 were estimated, based on 1980 figures.

(Continued from page 200)

countries and c) imports of textured and spun yarn from "nonproducing" countries.

It should be noted that line 1 is taken from the July issues of 1980 and 1981 and the September 1982 issue of the *Organon*. The July issues show the data in millions of pounds, whereas the September issue presents the data in thousands of metric tons, which were subsequently converted to millions of pounds for the purpose of this summary table.

	1979	1980	1981
1. NET EXPORTS OF THE 16 PRODUCING COUNTRIES[a]	3,157.0	3,357.0	3,646.0
AS DISTRIBUTED TO -			
2. EASTERN EUROPE & PRC	865.8	1,480.5	1,845.0
3. NONPRODUCING COUNTRIES	602.0	598.5	627.6
4. OTHER[b] (1-2-3)	1,689.2	1,278.0	1,173.4
5. NET IMPORTS OF OTHER[b]	1,112.3	1,393.5	1,548.1
6. OTHER[b] IMPORT DIFFERENCE (5-4)	-576.9	+117.5	+374.7

a. Includes Greece in 1981 only.

b. Free World producing countries other than the selected producing countries.

1 & 5. From page 183 of the September *Organon*.

2. From table above.

3. From table opposite.

EXPORTS OF MAN-MADE FIBERS TO CERTAIN NONPRODUCING COUNTRIES[a]

MILLION POUNDS

AREA & COUNTRY	CELLULOSIC YARN[b] 1980	CELLULOSIC YARN[b] 1981	CELLULOSIC STAPLE[b] 1980	CELLULOSIC STAPLE[b] 1981	NONCELLULOSIC YARN[b] 1980	NONCELLULOSIC YARN[b] 1981	NONCELLULOSIC STAPLE[b] 1980	NONCELLULOSIC STAPLE[b] 1981
EUROPE								
ALBANIA	0	0.1	0.1	0	0.1	0.5	0.4	0.5
DENMARK[c]	0.5	0.5	6.3	8.2	40.4	51.9	37.9	41.8
ICELAND				–	0.2		0.2	0.3
OTHER[d]	0	0	–	0	–	–	0.1	–
TOTAL EUROPE	**0.5**	**0.6**	**6.4**	**8.2**	**40.7**	**52.2**	**38.6**	**42.6**
AMERICAS								
BOLIVIA	–	0.1	0.5	0.3	0.4	0.1	5.2	5.3
DOMINICAN REP.	0.2	–	0.4	0.1	4.5	2.2	1.5	0.4
EL SALVADOR	0.3	0.2	2.2	2.2	5.5	4.1	9.9	9.6
GUATEMALA	0.6	0.4	0.3	0.1	8.4	6.0	12.6	9.5
GUYANA/SURINAME	0	0	0.2	–	0.5	–	0.1	–
HAITI	0	–	–	–	0.6	0.7	0.1	–
HONDURAS	–	–	0.9	1.2	1.7	1.7	0.2	0.7
JAMAICA	–	0.1	0.1	0	0.7	0.6	0.1	0.2
NICARAGUA	–	–	0	0.1	0.2	0.3	0	–
PANAMA	0	–	–	–	0.2	0.5	0.2	0.3
PARAGUAY	0	–	0	0	–	0	0.4	0.2
TRIN. & TOBAGO	0.1	0.1	–	–	0.4	0.5	0.2	0.1
OTHER[e]	–	–	–	–	0.2	0.2	0.1	–
TOTAL AMERICAS	**1.2**	**0.9**	**4.6**	**4.0**	**20.9**	**16.9**	**30.6**	**26.1**
ASIA & OCEANIA								
AFGHANISTAN	0.6	1.1	1.1	0.7	2.2	3.6	0.1	–
BAHRAIN	–	–	0.4	0	–	–	–	–
BURMA	–	0.1	1.2	0.9	0.2	0.1	2.7	2.2
CYPRUS	–	–	0.3	0.7	0.4	0.8	0.5	1.9
FIJI	0	0	0.1	0.2	–	–	0	–
HONG KONG	2.9	4.0	10.2	10.6	7.6	40.4	59.9	50.4
JORDAN	–	0.1	0.1	0.1	0.5	0.8	0.8	0.6
KOREA, NORTH[f]	–	0	0.1	0	0.9	0.4	3.5	6.5
KUWAIT	–	–	0	0	0.4	0.9	0.2	0.1
LEBANON	0.6	1.8	0.6	1.1	4.1	4.7	3.5	4.2
NEPAL	0	0	0	0	0.1	0.2	0.7	0.7
SAUDI ARABIA	0.1	0.3	0.1	–	0.6	1.2	0.6	1.4
SINGAPORE	0.6	0.6	5.5	3.1	3.2	3.4	18.0	16.0
SRI LANKA	0.1	g	1.2	g	1.6	g	0.4	g
SYRIA	1.1	5.9	1.2	2.7	16.8	29.5	7.7	8.2
UNIT. ARAB EMIRATES	0.2	0.1	0.9	0.8	0.1	0.2	0.7	0.1
VIETNAM	5.0	5.6	1.1	0	1.6	4.6	4.9	8.1
N. & S. YEMEN	–	–	–	0.2	–	–	0.1	0.8
OTHER[h]	–	0	–	–	–	0.1	0.1	0.5
TOTAL A & O	**9.2**	**17.6**	**24.1**	**21.1**	**40.1**	**90.7**	**104.4**	**101.3**
AFRICA								
ALGERIA	5.2	7.4	12.8	10.1	35.1	51.7	52.4	25.6
ANGOLA	0	0	0.2	0.2	0.4	0.4	0.5	0.1
BOTSWANA	0	0	0	0	2.6	0.6	–	–
CAMEROON	–	0.1	1.6	1.5	0.2	0.7	1.0	1.8
CANARY ISLANDS	0.1	0.1	1.5	0.7	–	–	0.5	0.1
CEUTA & MELILLA	0	–	0	0	–	–	0	0.2
ETHIOPIA	–	0	–	–	1.6	1.7	2.5	4.8
GHANA	0.1	0.1	0.4	0.4	1.0	0.7	0.4	1.0
IVORY COAST	0.1	0.1	1.0	1.2	1.5	0.7	2.6	5.1
KENYA & UGANDA	0.2	0[i]	4.5	0[i]	5.4	0[i]	9.2	0.1[i]
LIBERIA	–	–	0	0	–	0.2	–	–
LIBYA	–	0.5	0.2	0.5	0.8	0.4	1.6	1.8
MADAGASCAR	–	0	4.5	1.0	1.0	0.1	5.0	2.4
MALAWI	0	0	0.1	–	0.2	0.3	0	0
MAURITIUS	0	–	0.1	0.1	–	–	4.0	5.5
MOROCCO	5.2	5.1	21.8	16.8	26.8	20.5	46.5	46.2
MOZAMBIQUE	0	–	–	0.2	0.7	0.5	0.2	0.5
NIGER	0	0	0	0.1	0.2	–	0.1	–
SENEGAL	–	0.1	0.2	0.5	0.1	–	0.6	0.5
SUDAN	0.1	0.5	–	–	0.1	–	0.1	0.5
SWAZILAND	0	0	0	0	0.1	0.2	0.1	0.1
TANZANIA	0.1	0.1	1.5	0.8	5.9	5.5	2.2	1.7
TUNISIA	1.4	1.8	4.7	4.8	10.2	9.2	15.0	17.6
ZAIRE	0.1	0.5	0.1	0.2	1.4	1.5	0.1	0.5
ZAMBIA	–	–	1.6	0.8	1.2	1.2	0.5	0.5
ZIMBABWE	–	0.1	0.4	0.8	0.5	1.2	–	1.4
OTHER[j]	–	–	0.1	0.1	–	–	0.2	0.2
TOTAL AFRICA	**8.6**	**16.3**	**56.7**	**40.6**	**91.0**	**74.9**	**120.9**	**113.6**
GRAND TOTAL	**19.5**	**35.4**	**91.8**	**73.9**	**192.7**	**234.7**	**294.5**	**283.6**

a. See the upper section of the page 204 table for a listing of the 16 exporting countries. Also see text page 200 regarding the concept and meaning of this table.

b. Yarn means filament yarn, monofilaments, tire cord & tire cord fabric. Staple includes spun yarn.

c. The Danish data are net imports from the 16 countries. Data from the Faerøe Islands are also included.

d. Gibraltar.

e. Bahamas, Barbados, Belize, Bermuda, Cayman Is., French Guiana, French West Indies, Leeward & Windward Is., Netherlands Antilles and St. Pierre & Miquelon.

f. See text page 200 regarding this country.

g. Sri Lanka now produces nylon fiber and will no longer be included in this table.

h. French Polynesia, Kiribati, Macao, Mongolia, New Caledonia, Oman, Papua New Guinea, Qatar and Western Samoa.

i. Uganda only. Kenya now produces both nylon and polyester and will no longer be included in this table.

j. Benin, Burundi, Cape Verde, Central African Republic, Chad, Comoros, Congo, Djibouti, Equatorial Guinea, Gabon, Gambia, Guinea-Bissau, Malagasy Rep., Mali, Mauritania, Reunion, Rwanda, Sierra Leone, Somalia, Togo and Upper Volta.

U.S. EXPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS					THOUSAND DOLLARS				
		1978	1979	1980	1981	6 MOS 1982	1978	1979	1980	1981	6 MOS 1982
CELLULOSIC											
FILAMENT YARN[a]											
TEXTURED	510.0006	1946	3456	2585	357	204	2228	4564	3574	594	379
OTHER[b]	510.0026	17027	26770	24130	23914	11644	15339	24886	28135	27329	13487
MONOFILAMENTS	309.0110	1413	521	149	90	11	1579	645	343	212	51
STRIPS	309.2210	351	43	66	346	71	308	58	61	273	79
SUBTOTAL ABOVE		**20737**	**30790**	**26930**	**24707**	**11930**	**19454**	**30153**	**32113**	**28408**	**13996**
STAPLE+TOW - RAYON	309.4222	80453	96844	64817	55156	27773	39534	55706	44031	39032	19152
STAPLE - ACETATE	309.4219	6451	9663	6255	7004	1850	4783	7433	6145	4523	2051
SUBTOTAL ABOVE		**86904**	**106507**	**71072**	**62160**	**29623**	**44317**	**63139**	**50176**	**43355**	**21183**
WASTE, ADVANCED & NOT ADVANCED	309.7400	6975	9551	6090	2799	2269	2312	3684	2872	1558	981
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	510.0008 & .0009	21392	44797	55775	69600	19422	28904	63662	72940	107096	31257
- HIGH TENACITY[c]	510.0027	31768	46287	57804	57400	26102	27057	43503	63657	72569	32225
- OTHER	510.0029	11269	21223	24967	19424	7125	17282	31528	42082	57980	15640
POLYESTER - TEXTURED	510.0010	29469	85579	114910	236152	135335	54340	105864	141835	286022	167274
- HIGH TENACITY[c]	510.0032	6187	22407	23202	23440	8881	6276	24507	27660	31474	11369
- OTHER[d]	510.0034	6780	8616	7493	11759	7408	6714	9391	8795	13226	6965
OTHER - TEXTURED	510.0014	3671	9993	19005	11751	6082	5043	12163	25056	15085	7443
- OLEFIN	510.0040	2747	1990	2520	2603	671	2924	1998	2999	3512	924
- OTHER	510.0044	4384	5050	5265	5231	2698	12097	17181	18734	21758	12850
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	16566	14916	15307	7786	2261	25173	30001	30834	20698	7195
POLYESTER[e]	309.0140	32942	21349	18985	7163	2619	52013	24923	21987	11905	5568
OTHER	309.0170	6209	5927	8665	6560	4110	15875	18693	28813	23244	15315
STRIPS	309.2220 & .2270	1033	2688	3427	4555	1435	2493	4566	5181	6635	2867
SUBTOTAL ABOVE		**174417**	**290822**	**355323**	**463424**	**224147**	**216191**	**387980**	**488551**	**650982**	**314870**
STAPLE - NYLON	309.4240	26221	53857	29306	27556	7712	21834	29779	30141	33825	10051
- POLYESTER	309.4242	218674	307246	447290	522681	120520	97225	165284	285737	361110	84753
- ACRYLIC	309.4245	109139	181112	145172	156661	64797	63489	109404	103264	114359	47877
- OLEFIN	309.4246	1873	6910	5275	1758	1470	1245	6504	2571	1491	947
- OTHER	309.4247	9672	16749	17751	18033	8851	10141	19391	25654	31381	17547
GROUPED FILAMENTS											
NYLON	309.5220	6239	10614	7282	4561	2852	8535	13816	11747	9625	6552
POLYESTER[d]	309.5240	37790	78566	54880	26777	16212	26557	69067	50247	28444	15701
ACRYLIC	309.5250 & .5255	19538	23281	27517	32655	11855	14758	18589	20408	25940	9759
SUBTOTAL ABOVE		**428946**	**658335**	**732473**	**790682**	**234229**	**243562**	**431434**	**529569**	**606175**	**193187**
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	11252	18034	14520	13938	6501	4897	7514	9050	8905	4021
POLYESTER	309.7650	48917	77424	61153	54117	32124	12726	32029	25592	20814	13059
ACRYLIC	309.7640	3793	4807	2352	4795	1225	1142	1223	801	1552	362
OTHER	309.7660	24717	37478	38395	34415	12710	6889	11950	15965	15455	5896
TOTAL MAN-MADE FIBER ABOVE		**806658**	**1233748**	**1308308**	**1451037**	**554558**	**551490**	**969106**	**1152689**	**1374980**	**567555**
TEXTILE GLASS FIBER	309.2700 & .9700	29230	47494	54407	38934	23299	23498	38867	54269	41642	21570
GRAND TOTAL ABOVE		**835868**	**1281242**	**1362715**	**1489971**	**577857**	**574988**	**1007973**	**1206958**	**1416622**	**589125**

SOURCE: U.S. Census Bureau.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.